

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim ~~63~~ (currently amended): A method for delivery of a hydrophobic drug to a selected site in a patient comprising:

(a) administering to said patient a composition comprising a micellar drug carrier comprising a hydrophobic core and an effective amount of said hydrophobic drug disposed in said hydrophobic core, wherein said micellar drug carrier is an AB-diblock copolymer; and

(b) applying ~~ultrasonic energy~~ ultrasound at a frequency of 70-80 kilohertz to said selected site such that said hydrophobic drug is released from said hydrophobic core to said selected site.

Claim ~~64~~ (previously added): The method of claim ~~63~~ wherein said AB-diblock copolymer comprises poly(L-amino acid)-co-poly(ethylene oxide).

Claim ~~66~~ (previously amended): The method of claim ~~63~~ wherein said hydrophobic drug is an anthracycline.

✓ Claim 67 (previously added): The method of claim 66 wherein said anthracycline is doxorubicin. 3

5 Claim 68 (previously added): The method of claim 66 wherein said anthracycline is ruboxyl. 3

6 Claim 74 (currently amended): A method for enhancing uptake of a hydrophobic drug by cells at a selected site in a patient comprising:

(a) administering to said patient a composition comprising a micellar drug carrier comprising a hydrophobic core and an effective amount of said hydrophobic drug disposed in said hydrophobic core, wherein said micellar drug carrier is an AB-diblock copolymer; and

(b) applying ~~ultrasonic energy~~ ultrasound at a frequency of 70-80 kilohertz to said selected site such that said hydrophobic drug is released from said hydrophobic core and taken up by said cells.

7 Claim 75 (previously added): The method of claim 74 wherein said AB-diblock copolymer comprises poly(L-amino acid)-co-poly(ethylene oxide). X

Claim 77 (previously amended): The method of claim 74 wherein said hydrophobic drug is an anthracycline.

Claim 78 (previously added): The method of claim 77 wherein said anthracycline is doxorubicin.

Claim 79 (previously added): The method of claim 77 wherein said anthracycline is ruboxyl.

Claim 80 (currently amended): A method for reducing side effects in a patient from administration of a hydrophobic drug comprising:

(a) administering to said patient a composition comprising a micellar drug carrier comprising a hydrophobic core and an effective amount of said hydrophobic drug disposed in said hydrophobic core, wherein said micellar drug carrier is an AB-diblock copolymer; and

(b) applying ~~ultrasonic energy~~ ultrasound at a frequency of 70-80 kilohertz to said patient such that said hydrophobic drug is released from said hydrophobic core.

Claim 81 (previously added): The method of claim 80 wherein said AB-diblock copolymer comprises poly(L-amino acid)-co-poly(ethylene oxide).

Claim 83 (previously amended): The method of claim 80 wherein said hydrophobic drug is an anthracycline.

Claim 84 (previously added): The method of claim 83 wherein said anthracycline is doxorubicin.

Claim 85 (previously added): The method of claim 83 wherein said anthracycline is ruboxyl.